

POWER SYSTEM OPERATION CORPORATION LIMITED
NATIONAL LOAD DESPATCH CENTRE
NEW DELHI

System Reliability Indices Report for the week from
26-Jul-2021 to 01-Aug-2021

Date: 6-Aug-2021

Percentage (%) of times ATC was violated

S.No.	Corridor	Number of Blocks Violated	Number of Hours Violated	%Violation
1	WR-NR	0	0.00	0.00
2	ER-NR	0	0.00	0.00
3	Import of NR	0	0.00	0.00
4	NEW-SR	0	0.00	0.00
5	ER-NER	0	0.00	0.00

Percentage(%) of times (N-1) Criteria was violated

S.No.	Corridor	Number of Blocks Violated	Number of Hours Violated	%Violation
1	WR-NR	0	0.00	0.00
2	ER-NR	0	0.00	0.00
3	Import of NR	0	0.00	0.00
4	NEW-SR	0	0.00	0.00
4	ER-NER	0	0.00	0.00

Remarks: Flows crossing Total Transfer Capability (TTC) on interregional corridors has been worked out as a proxy for (N-1) violation.

Voltage Profile for the week from 26-Jul-2021 to 01-Aug-2021

Region	Station	%age of time Voltage below 728/380 kV	%age of time Voltage between 728/380 kV & 800/420 kV	%age of time Voltage above 800/420 kV	Voltage deviation index (%age of time voltage is outside IEGC band)	Maximum Voltage (kV)	Minimum Voltage (kV)	Average Voltage (kV)
NR	Agra	0.00%	100.00%	0.00%	0.00%	797	755	778
	Anpara-C	0.00%	100.00%	0.00%	0.00%	778	755	766
	Anpara-D	0.00%	100.00%	0.00%	0.00%	778	755	766
	Anta	0.00%	99.94%	0.06%	0.06%	801	758	785
	Ballia	0.00%	100.00%	0.00%	0.00%	789	747	770
	Bara	0.00%	100.00%	0.00%	0.00%	787	763	769
	Bhiwani	0.00%	100.00%	0.00%	0.00%	799	753	779
	Bareilly	0.00%	98.25%	1.75%	1.75%	804	740	777
	Fatehpur	0.00%	100.00%	0.00%	0.00%	789	740	766
	Greater Noida	0.00%	98.46%	1.54%	1.54%	806	751	780
	Jhatikara	0.00%	99.98%	0.02%	0.02%	801	751	776
	Kanpur GIS	0.00%	100.00%	0.00%	0.00%	796	744	770
	Lucknow	0.00%	100.00%	0.00%	0.00%	797	740	773
	Meerut	0.00%	99.98%	0.02%	0.02%	802	745	778
	Moga	0.00%	100.00%	0.00%	0.00%	796	750	774
	Phagi	0.00%	98.89%	1.11%	1.11%	805	759	784
	Varanasi	0.00%	100.00%	0.00%	0.00%	795	755	777
	Unnao	0.00%	100.00%	0.00%	0.00%	786	733	764
WR	Akola	0.00%	100.00%	0.00%	0.00%	792	761	779
	Aurangabad	0.00%	100.00%	0.00%	0.00%	794	757	781
	Bhopal (BDTCL)	0.00%	100.00%	0.00%	0.00%	791	763	779
	Bilaspur	0.00%	100.00%	0.00%	0.00%	787	767	777
	Bina	0.00%	100.00%	0.00%	0.00%	798	768	785
	Champa	0.00%	100.00%	0.00%	0.00%	796	766	785
	Dharamjaigarh	0.00%	100.00%	0.00%	0.00%	788	765	776
	Gwalior	0.00%	98.92%	1.08%	1.08%	803	766	785
	Indore	0.00%	100.00%	0.00%	0.00%	788	757	774
	Jabalpur	0.00%	96.28%	3.72%	3.72%	804	775	791
	Koradi	0.00%	100.00%	0.00%	0.00%	777	754	766
	Pune	0.00%	100.00%	0.00%	0.00%	800	762	789
	Raigarh Pooling	0.00%	100.00%	0.00%	0.00%	797	773	786
	Raipur Pooling	0.00%	100.00%	0.00%	0.00%	795	771	785
	Sasan	0.00%	100.00%	0.00%	0.00%	791	767	778
	Satna	0.00%	98.41%	1.59%	1.59%	801	769	786
	Seoni	0.00%	100.00%	0.00%	0.00%	797	766	784
	Sipat	0.00%	100.00%	0.00%	0.00%	787	768	778
	Solapur	0.00%	98.10%	1.90%	1.90%	802	761	789
	Tamnar	0.00%	100.00%	0.00%	0.00%	799	776	789
Tirora	0.00%	100.00%	0.00%	0.00%	768	750	759	
Vadodara	0.00%	100.00%	0.00%	0.00%	794	761	780	
Vindhyachal PS	0.00%	100.00%	0.00%	0.00%	794	761	780	
Wardha	0.00%	100.00%	0.00%	0.00%	794	761	783	
SR	Kurnool	0.00%	100.00%	0.00%	0.00%	791	746	773
	Nellore PS	0.00%	100.00%	0.00%	0.00%	791	752	774
	Raichur	0.00%	100.00%	0.00%	0.00%	796	750	780
	Nizamabad	0.00%	94.81%	5.19%	5.19%	808	753	784
	Srikakulam	0.00%	99.54%	0.46%	0.46%	804	759	783
	Thiruvallam	0.00%	99.54%	0.46%	0.46%	804	759	783
ER	Vemagiri	0.00%	100.00%	0.00%	0.00%	799	760	780
	Angul	0.00%	100.00%	0.00%	0.00%	795	757	777
	Gaya	0.00%	100.00%	0.00%	0.00%	789	752	773
	Jharsuguda	0.00%	97.64%	2.36%	2.36%	804	767	789
	Ranchi	0.00%	100.00%	0.00%	0.00%	791	758	777
NER	Sasaram	0.00%	99.98%	0.02%	0.02%	801	744	768
	Balipara (400 kV)	0.00%	100.00%	0.00%	0.00%	411	397	403
	Bongaigaon (400 kV)	0.00%	100.00%	0.00%	0.00%	414	398	408
	Bongaigaon TPS (400 kV)	0.00%	100.00%	0.00%	0.00%	419	402	412
	Palatana (400 kV)	0.00%	100.00%	0.00%	0.00%	410	401	406
	Misa (400 kV)	0.00%	100.00%	0.00%	0.00%	412	398	404
	Ranganadi (400 kV)	0.00%	100.00%	0.00%	0.00%	418	405	412
	Biswanath Chariali (400 kV)	0.00%	100.00%	0.00%	0.00%	413	398	406
Silchar (400 kV)	0.00%	100.00%	0.00%	0.00%	412	405	409	

Remarks: Unless otherwise specified, station may be treated as 765kV S/S.